Author Index Volume 76 (1993)

Abasaeed, A.E., 165
Alvarez, J.R., 147
Alvarez, R., 147
Andres, J.L., 147
Ash, R., 1
Audinos, R., 147

Barrer, R.M., 1
B.Nagy, O., 27
Bodzek, M., 269
Both, P., 281
Bottino, A., 61
Brink, L.E.S., 281

Capannelli, G., 61
Chan, C.C., 219
Charati, S.G., 89
Cherif, A.T., 39
Cornelissen, A.E., 185

Da Costa, A.R., 245
Dejmek, P., 51
Dickson, M.R., 73

Egawa, H., 193
Elbers, S.J.G., 281
Elmidaoui, A., 39
Elnashaie, S.S.E.H., 165

Fane, A.G., 245
Flora, J.R.V., 85
Foley, T., 1
Furusaki, S., 209

Gavach, C., 39
Gill, J.S., 157

Higson, S.P.J., 261

Karlsson, H.O.E., 121
Kitao, T., 255
Ko, M.K., 101
Kobayashi, K., 209
Konieczny, K., 269
Kono, K., 233
Koochaki, Z., 261

Marko, P., 101
Marwah, U.R., 157
Miller, K.D., 77
Misra, B.M., 157
Murray, C.L., 1
Mutlu, M., 261

Nassimbene, R., 101
Nassr-Allah, A., 147
Nonaka, T., 193

Onurval, N., 89

Pellegrino, J.J., 101
Persson, K.M., 51, 61

Robbertsen, T., 281
Rodgers, V.G.J., 77

Saito, K., 209
Simons, R., 73
Stern, S.A., 89
Sugo, T., 209
Sundet, S.A., 175
Szpakowska, M., 27

Tabata, F., 233
Takagishi, T., 233
Takeda, T., 193
Trägårdh, G., 51, 61, 121
Tsuneda, S., 209

Vadgama, P.M., 261
Vernon Edge, A., 1

Wang, S.S., 291
Wano, T., 255
Weitzel, S., 77
Wiley, D.E., 245

Yamagishi, H., 209
Yoshikawa, M., 255

Author Index Volume 76 (1993)

Abasaeed, A.E., 165
Alvarez, J.R., 147
Alvarez, R., 147
Andres, J.L., 147
Ash, R., 1
Audinos, R., 147

Barrer, R.M., 1
B.Nagy, O., 27
Bodzek, M., 269
Both, P., 281
Bottino, A., 61
Brink, L.E.S., 281

Capannelli, G., 61
Chan, C.C., 219
Charati, S.G., 89
Cherif, A.T., 39
Cornelissen, A.E., 185

Da Costa, A.R., 245
Dejmek, P., 51
Dickson, M.R., 73

Egawa, H., 193
Elbers, S.J.G., 281
Elmidaoui, A., 39
Elnashaie, S.S.E.H., 165

Fane, A.G., 245
Flora, J.R.V., 85
Foley, T., 1
Furusaki, S., 209

Gavach, C., 39
Gill, J.S., 157

Higson, S.P.J., 261

Karlsson, H.O.E., 121
Kitao, T., 255
Ko, M.K., 101
Kobayashi, K., 209
Konieczny, K., 269
Kono, K., 233
Koochaki, Z., 261

Marko, P., 101
Marwah, U.R., 157
Miller, K.D., 77
Misra, B.M., 157
Murray, C.L., 1
Mutlu, M., 261

Nassimbene, R., 101
Nassr-Allah, A., 147
Nonaka, T., 193

Onurval, N., 89

Pellegrino, J.J., 101
Persson, K.M., 51, 61

Robbertsen, T., 281
Rodgers, V.G.J., 77

Saito, K., 209
Simons, R., 73
Stern, S.A., 89
Sugo, T., 209
Sundet, S.A., 175
Szpakowska, M., 27

Tabata, F., 233
Takagishi, T., 233
Takeda, T., 193
Trägårdh, G., 51, 61, 121
Tsuneda, S., 209

Vadgama, P.M., 261
Vernon Edge, A., 1

Wang, S.S., 291
Wano, T., 255
Weitzel, S., 77
Wiley, D.E., 245

Yamagishi, H., 209
Yoshikawa, M., 255

Subject Index Volume 76 (1993)

2-acrylamide-2-methyl propane sulfonic acid, 193
alcohol permselective membranes, 255
amino acid transport, 193
anion-exchange groups, 209
aroma compounds, 121

benzyl chloride, 209
binary membranes, 27
biological membranes, 101
bovine serum albumine, 101

capsule membranes, 233
cation exchange membranes, 193
competitive preferential solvation (COPS) theory, 27
composite membranes, 175
concentration polarization, 77, 245
copper transport, 27
crosslinking, 157
crossflow microfiltration, 51

diethylamino group, 209
diffusion, 261
dilute organic-water mixtures, 121

electrodialysis, 147
enzyme electrodes, 261
2,3-epithiopropyl methacrylate, 193
ethanol fermentation, 165
ethanol productivity, 165
extraction, 219
extraction kinetics, 219

fouling, 51, 77, 85, 101, 245, 281
fractals, 175

gas permeation, 185
gas solubility, 89
glutamic acid, 219

heat effect, 185
heats of transport, 1

ion-exchange carrier, 219
isobaric flow, 1

β-lactoglobulin, 101
Lewis-type cell, modified, 219
liquid displacement porosity, 61

membrane fermentors, 165
membrane modification, 281
membrane preparation and structure, 175, 269
microfiltration membranes, 209
microporous and porous membranes, 51
modelling, 121, 165

nitric acid, 147
non-steady state kinetics, 27
nuclear track-etched membranes, 281

percolation, 175
permeability control 233
permselective membranes, 165
permselectivity, 255
pervaporation, 121, 255
pH-response, 233
phenylalanine, 219
polybutadiene, modified, 255
polycarbonate, 101
polyelectrolyte complex, 233
polymeric membrane, 255
polysulfone membranes, 281
pore size distribution, 281
porosimetry, 61
porous and microporous membranes, 61
protein adsorption, 61, 101, 281
pyridyl group, 209

radiation-induced grafting, 209
recovery, 121
regenerated cellulose, 101
reverse osmosis, 175

silicone membranes, 157
solubility and partitionary, 89
solubility correlation, 89
sorption, 1
spacers, 245
spiral-wound module, 185
steady state approximation 27
stochastic model, 85
sulfuric acid, 147
supported liquid membranes, 157
swelling characteristics, 157

thermo-osmosis, 1
thermodynamics, 89
tin salt catalyst, 157
transmembrane pressure pulsing, 77
tubular membranes, 269

ultrafiltration, 77, 85, 101, 245, 269
uphill transport, 193

vinyl chloride-vinyl acetate copolymer membranes, 269

whey, 245